## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of: Hyun Woo SONG, et al.

Serial No.: New Application Group Art Unit: Not Yet Assigned

Filed: March 16, 2004 Examiner: Not Yet Assigned

Title: METHOD FOR FABRICATING SEMICONDUCTOR OPTICAL DEVICE

## INFORMATION DISCLOSURE STATEMENT

Honorable Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

March 16, 2004

Sir:

As a means of complying with the duty of disclosure under 37 CFR §1.56, and in accordance with 37 CFR §§1.97 and 1.98, Applicant(s), through the undersigned attorney, submits this Information Disclosure Statement. The patents, publications or other information submitted herewith are listed on the attached Form PTO-1449 and copies are attached.

In accordance with 37 CFR §1.97(b)(1) or (2), this Information Disclosure Statement is being filed either within three months of the filing date of the above-identified application, or within three months of the date of entry into the national stage of the above-identified application as set forth in 37 CFR §1.491. Accordingly, no fee is required.

Respectfully submitted,

JACOBSON HOLMAN, PLLC

Yoon S. Ham

Registration No. 45,307

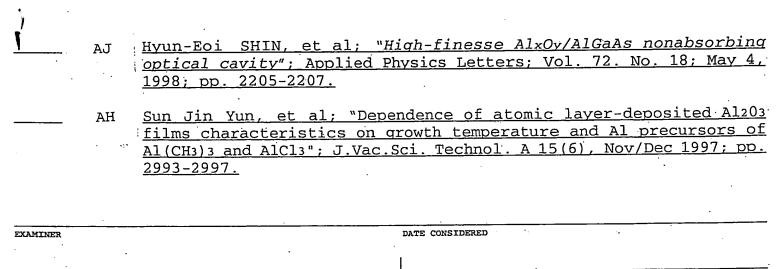
400 Seventh Street, N.W. Washington, DC 20004 (202) 638-6666 Atty. Dkt. No.: P69577US0 YSH:dj

## JACOBSON HOLMAN PLLC

400 SEVENTH STREET, N.W. WASHINGTON, D.C. 20004-2201

## LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT

	ERIAL NO.: <u>New Application</u>				GROUP ART UNIT: Not Yet Assigned FILING DATE: March 16, 2004			
APPLICA	ANT(S)	: Hyun W	oo SONG et	al: TODAY'S	DATE: Ma	arch 16,	2004	
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U.S. PATENT DOCUMENTS								
*EXAMINER		DOCUMENT NUMBER	DATE	NAME	INT'L CLASS		FILING DATE (If Appropriate)	
<u> </u>	AA	5,068,868	11/26/91	Deppe, et al.	<u>H01S</u>	3/19	5/21/90	
	AB	6,121,068	09/19/00	Ramdani, et al.	H01L	21/00	3/26/98	
	AC	5,711,811	1/27/98	<u>Suntola et al.</u>	<u>C32C</u>	16/00	11/28/95	
*****	****	*****	******	*****	*****	****	*****	
		٠.	FOREIGN	PATENT DOCUMENTS				
•		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- <u>CLASS</u>	TRANSLATION (YES) (NO)	
	AD	11-307863	11/05/99	JAPAN	<u> H01S</u>	3/18	_X	
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)								
<del></del> .	AE			Electrically pump sers and Electro-				
	C AF	Chao-Kun Lin, et al; "High temperature continuous-wave operation of 1.3-1.55 um VCSELs with InP/air-gap DBRs"; IEEE 18 <sup>th</sup> . International Semiconductor Laser Confrerence 2002; pp. 145-146.						
<del></del>	АĢ	I.Gagnes, et al; "MOCVD InP/AlGalnAs distributed Bragg reflector for 1.55um VCSELs"; Electronics Letters 12th April 2001, Vol. 37, No. 8; pp. 500-501.						
	АН	JH.Shin, et al; "CW Operation and Threshold Characteristics of All-Monolithic InAlGaAs 1.55-um VCSELs Grown by MOCVD"; IEEE Photonics Technology Letters, Vol. 14, No. 8; August 2002; pp. 1031-1033.						
	·AI		ors"; Elec	.26um vertical cav tronics Letters 1				



<sup>\*</sup> EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).